

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-14 (Canceled)

15. (Currently Amended) A satellite transceiver for a personal computer, the personal computer having a USB port, the satellite transceiver comprising:

a transmitter portion that resides in a box external to the computer and that transmits radio frequency signals to a satellite responsive to data received from the personal computer via the USB type port; and

a receiver portion that resides in the external box and that receives radio frequency signals from a satellite and converts the received signals to data for transfer to the personal computer via the USB type port,

wherein the transmitter portion and the receiver portion are separate configurations connected by connectors, and

~~further including an auxiliary bus directly connecting the transmitter portion and the receiver portion,~~ wherein a synchronizing signal is conveyed from the receiver portion to the transmitter portion via ~~the an~~ auxiliary bus and the transmitter portion including a frequency synthesizer with a selectable frequency range and programmable modulator for allowing a transmission/reception frequency and modulation to be selectively modified by the personal computer.

16. (Original) The transceiver according to claim 15, wherein the transmitter portion and the receiver portion further comprise respective connectors coupling the portions to the auxiliary bus.

17. (Canceled)

18. (Previously Presented) The transceiver according to claim 15, wherein the transmitter portion includes a frequency synthesizer for generating the radio frequency signals.

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Previously Presented) A transceiver according to claim 15, wherein the transmitter portion includes modulation circuitry and the modulation circuitry includes an encoder that encodes error correction into the transmitted signals according to a predefined protocol in accordance with a command conveyed to the encoder via the USB port.

25. (Canceled)

26. (Currently Amended) A method for transmitting and receiving signals between a satellite and a personal computer having a USB port, the method comprising steps of:

coupling a transmitter that resides in a box external to the personal computer to a USB hub through a portion of a USB bus;

coupling the USB hub to the USB port;

transmitting a radio frequency signal from the transmitter to the satellite responsive to data received from the USB port;

coupling a receiver that resides in the box to the USB hub through another portion of the USB bus;

receiving the radio frequency signal in the receiver from the satellite; and

converting the radio frequency signal to data for transfer to the USB port,

wherein the transmitter and the receiver are separate configurations connected by means of connectors, and

wherein the step of receiving the radio frequency signal includes conveying a synchronizing signal from the receiver to the transmitter via an auxiliary bus connector directly connecting the receiver and the transmitter, ~~and where the transmitter is configured for receiving a power signal from a power supply external to the box and for transmitting the power signal to an amplifier in an antenna external to the box.~~

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Original) The method according to claim 26, wherein the step of the transmitting radio frequency signal includes encoding an error correction onto the radio frequency signal in accordance with an encoding scheme determined responsive to a command conveyed via the USB port.

Claims 32 - 41 (Canceled)